

Figure 2.38: A sample Multipanel Display image (with four panels) is shown at the top of this figure. Various components of the image are explained and pointed out. The REF (DBZ) and VEL images on the bottom of this figure are the images associated with the Multipanel Display shown. Note the centering point on the VEL and REF (DBZ) images and how they appear in the Multipanel Display image cropped.

Linked Cursors in the Multipanel Display


Linked cursors aid users in locating the same point (set of coordinates) in all of the Panels on the **Multipanel display**. This is particularly helpful if Panels in the **Multipanel Display** are configured to display different zoom factors.

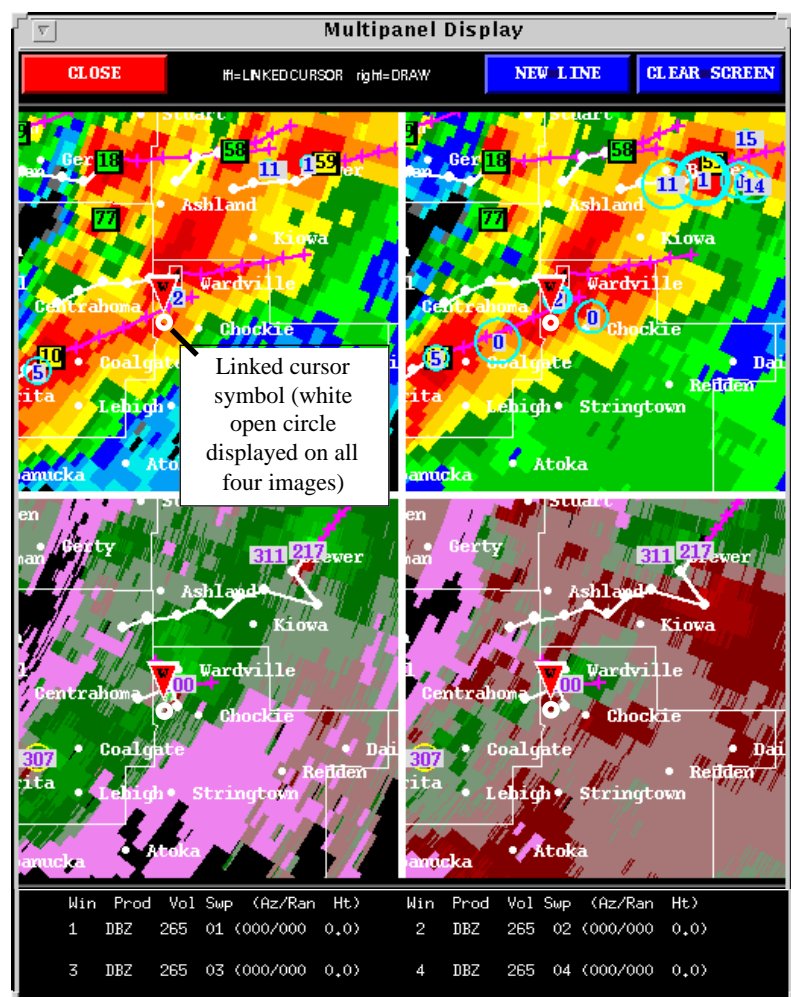
The linked cursor symbol appears as a small white, open circle. To use the Multipanel Display Linked Cursor:

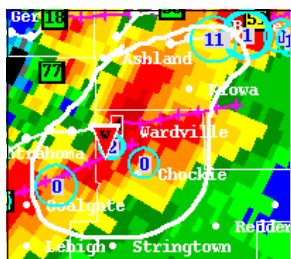
1. **Create a Multipanel Display image** with parameter settings of your choice (see instructions earlier in this chapter).
2. **Click once on a point of your choice in one of the Panel images on the Multipanel Display image.**

The linked image symbol appears on all four images (Figure 2.39).

Note that when you hold the <left-mouse> button down continuously while moving the mouse over the image, the linked cursors move continuously over the Panel images.

Figure 2.39: An example of a Multipanel Display image with linked cursors activated. Note that the linked cursor symbol () appears just below the tip of the tornado icon on all four images.





Drawing Capability on the Multipanel Display

To help emphasize weather features and to aid in manual tracking of storms, the **Multipanel Display** has a “Draw” feature. This enables you to draw white outlines on the Multipanel Display images. (Figure 2.40)

To manually draw on the Multipanel Display images:

1. Create a **Multipanel Display** image with desired parameter settings (see instructions earlier in this chapter).
2. Use the <right-mouse> button as a “pen” by holding it down continuously as you draw.
3. To stop drawing an object, and to start a new line or drawing object, click on **NEW-LINE**. Then begin drawing new line or object in new location on one of the **Multipanel Display** images.

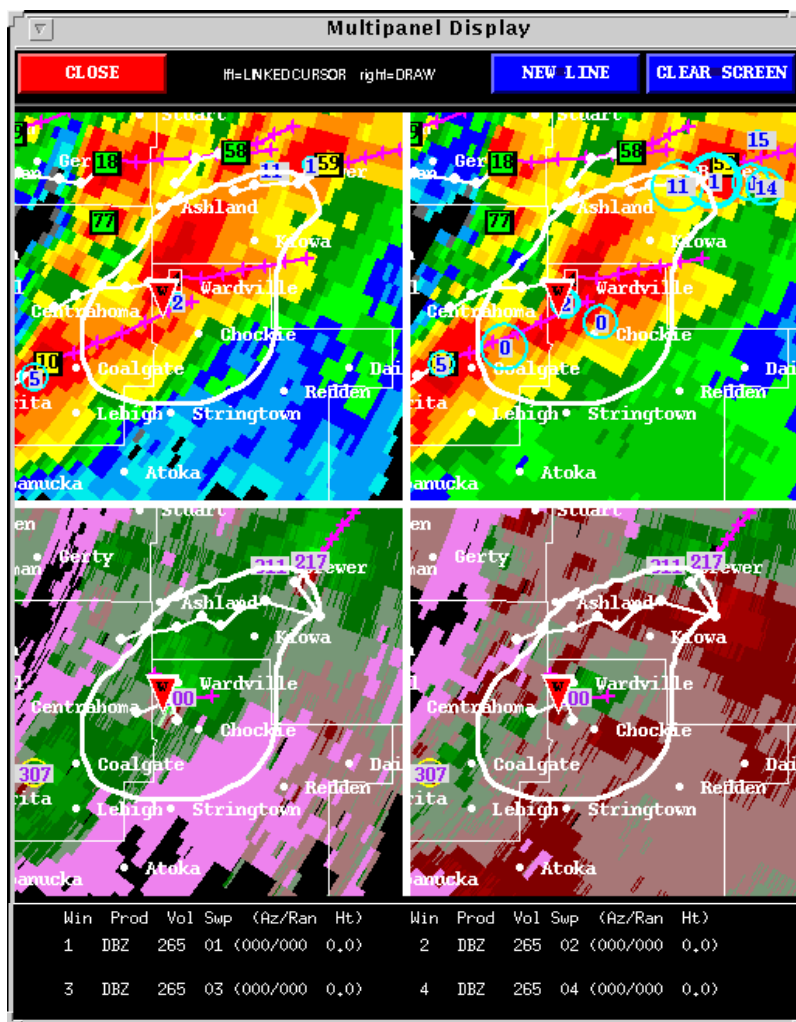
Clearing the Images of Drawing Objects

To clear objects you have drawn on the **Multipanel Display** images, click once on **CLEAR-SCREEN**

Saving Drawing Objects

If you need to save a Multipanel Display image with your custom drawing on it, you must use a separate, non-RADS “screen-capture” program (such as xv, a shareware program) to capture and save the screen’s raster image. There is currently no method within **RADS** to save the drawing object to a file or image.

Figure 2.40: An example of a Multipanel Display image with a custom drawing object. Note that the object was drawn in Panel 1, but appears on all panels.



ANIMATION IMAGE WINDOWS FEATURES

Loop

Loop: The looping (animation) feature of WATADS

allows the users to view "movies" of data through time. Looping is accessed through the **Control Panel's Loop** menu (Figure 2.41). Successive volume scans or sweeps of data may be viewed in a special looping window. In "manual" mode, the user manually increments or decrements the volume scan or sweep number. In "automatic" mode, data looping for an image window automatically proceeds from one image to the next.

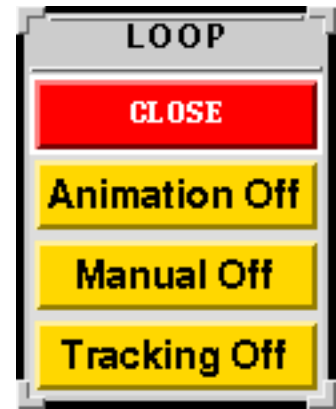


Figure 2.41: The **Loop** Menu Window

Looping works with the following types of images:

Reflectivity **Velocity (Radial Velocity)** **VIL** **Total Precip**
Storm Relative Velocity **Composite Reflectivity** **1 Hr Precip** **Template**

The features contained on the **Loop** menu (Figure 2.41) are described below by button.

Animation On

Animation On/Animation Off

When activated, the Animation button reads "Animation On," and the Animation Controls window pops up, as shown in Figure 2.42.

In this window the user specifies which windows will be looped, the volume scans or sweep numbers to loop, the "direction" of looping (forward, backward), and time (milliseconds) desired to elapse between images.

To use the looping / animation feature:

1. **Bring up the Animation Controls Menu by clicking once on the **Animation Off** button.** It will then read "**Animation On**" and the Animation Controls Window will appear as in Figure 2.42.

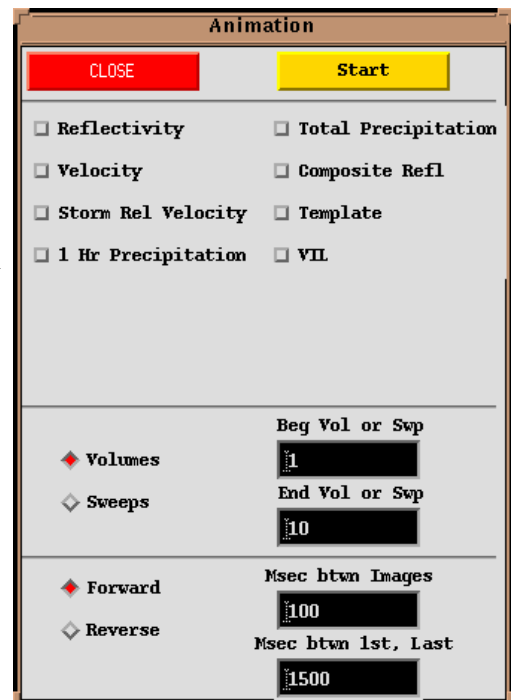


Figure 2.42: The Animation Controls Window

2. **Enter all needed information in the Animation Controls window.**

- **Activate all images to be looped.** Click once on the toggle button next to the name of the image(s) to be looped. The button(s) turns red when activated.
- **Choose to loop either volume scans (in time) or sweeps (in the vertical).**
- **Enter the beginning and ending volume numbers OR sweep numbers.**